MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

FEBRUARY, 1937

J. A. BROWN, DIRECTOR

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FEBRUARY 1937
METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	57.5	57.7	59.7	58.3	15.4	9.4	11.3	14.7	10.5	12.2
2	63.9	64.1	65.8	64.6	14.0	9.4	13.6	13.8	10.9	12.8
3	6.3	5.0	4.8	5.4	15.1	10.8	12.6	14.8	11.8	13.1
4	3.8	1.9	1.4	2.4	17.4	12.7	13.3	16.8	14.4	14.8
5	1.8	1.5	2.9	2.1	17.9	11.9	15.5	17.7	13.8	15.7
6	63.9	63.3	64.5	63.9	17.2	11.8	14.6	16.8	12.8	14.7
7	5.2	3.9	3.2	4.1	17.2	11.7	14.8	16.8	13.6	15.1
8	2.3	1.2	2.2	1.9	18.0	11.4	15.4	17.0	13.8	15.4
9	3.6	3.8	4.9	4.1	17.8	12.0	15.3	14.6	13.6	14.5
10	5.6	4.3	2.8	4.2	17.9	13.5	15.3	17.3	13.9	15.5
11	62.1	61.6	62.6	62.1	21.0	12.9	18.3	19.4	15.1	17.6
12	3.8	2.9	3.5	3.4	18.2	12.7	16.1	17.2	14.0	15.8
13	3.8	3.1	4.0	3.6	18.7	12.2	15.3	17.7	13.7	15.6
14	4.1	3.8	4.4	4.1	18.1	12.3	15.8	17.7	13.7	15.7
15	1.7	58.5	57.4	59.2	19.0	13.9	15.0	18.5	15.8	16.4
16	56.2	54.2	53.9	54.8	20.0	14.8	15.9	19.1	15.3	16.8
17	5.4	6.5	8.4	6.8	17.8	12.2	16.6	14.6	14.5	15.2
18	60.4	60.7	62.5	61.2	17.8	12.0	15.1	17.4	13.9	15.5
19	4.8	4.0	4.4	4.4	17.7	11.5	15.3	17.2	13.7	15.4
20	3.6	1.1	0.9	1.9	18.3	13.9	15.2	17.7	15.6	16.2
21	59.1	56.5	56.3	57.3	21.1	13.8	16.9	19.5	16.7	17.7
22	7.1	7.1	8.9	7.7	19.7	13.2	15.8	18.8	15.8	16.8
23	9.6	8.7	9.0	9.1	18.0	13.2	15.9	14.9	14.5	15.1
24	9.3	9.3	9.6	9.4	18.5	14.5	15.3	18.0	15.5	16.3
25	60.5	61.3	62.5	61.4	18.2	11.4	16.4	17.3	13.3	15.7
26	63.2	63.1	63.2	63.2	16.8	10.8	14.6	14.4	12.8	13.9
27	3.0	2.3	3.2	2.8	17.8	11.6	14.4	16.4	13.2	14.7
28	4.5	4.3	5.1	4.6	18.3	11.7	14.3	17.7	13.5	15.2
	62.00	61.27	61.85	61.71	17.96	12.21	15.14	16.92	13.92	15.34

Barometer, range for month 753.9 mm.—765.8 mm.
„ 50-yr. average for month 762.300 mm.
Thermometer, Range for month 9.4° C.—21.1° C.
„ 50-yr. average for month 14.32° C.
Rain, total for month 71.450 mm.
„ , 50-yr. average for month 150.880 mm.
„ , total, Sept. 1st to end of month 716.34 mm.
„ 50-yr. average, Sept 1st to end of month 727.72 mm

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Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	10.3	10.8	9.8	9.1	7.7	8.7	8.5	94	62	92	83		11.430
2	10.2	10.5	8.6	7.5	7.7	7.2	7.5	65	67	74	69		
3	9.1	10.6	8.5	6.7	7.4	6.6	6.9	64	59	65	63		
4	10.0	13.7	12.6	7.5	9.8	9.9	9.1	65	69	80	71		
5	12.9	14.9	11.7	9.5	10.9	9.9	9.8	72	72	77	74		
6	11.4	13.9	11.7	8.4	10.1	9.5	9.3	68	71	87	75		
7	11.9	14.3	12.1	8.8	10.6	9.6	9.7	70	74	83	76		
8	11.5	13.3	11.1	8.0	9.2	8.3	8.5	63	65	71	66		0.635
9	12.9	14.1	12.6	9.6	11.6	10.3	10.5	74	93	88	85		7.239
10	12.3	14.3	12.3	9.0	10.3	9.7	9.7	69	71	81	74		
11	13.7	16.2	13.1	9.2	11.6	10.0	10.3	58	69	79	69		
12	14.3	14.8	12.7	10.9	11.0	10.1	10.7	81	76	85	81		
13	12.9	14.3	11.8	9.6	10.1	9.2	9.6	74	67	78	73		
14	11.7	14.3	11.8	8.4	10.1	9.2	9.2	62	67	78	69		
15	11.3	14.5	14.5	8.0	9.9	11.4	9.8	63	63	87	71		
16	13.7	16.6	13.8	10.3	12.4	10.7	11.1	77	76	83	75		
17	12.3	12.3	12.2	8.4	9.4	9.2	9.0	60	75	75	70		1.778
18	12.8	14.6	12.9	9.7	10.6	10.5	10.3	76	71	88	78		
19	13.3	14.0	12.2	10.1	9.9	9.6	9.9	78	68	82	76		16.256
20	11.6	15.0	14.8	8.2	11.0	12.1	10.4	65	73	92	77		
21	12.1	15.9	13.4	9.7	11.2	9.5	10.1	68	66	68	67		
22	13.9	16.3	15.2	10.6	12.0	12.4	11.7	80	75	93	83		2.540
23	13.7	14.0	12.5	10.4	11.3	9.6	10.4	78	90	78	82		7.442
24	14.2	15.4	12.2	11.4	11.3	8.7	10.5	88	74	67	76		23.495
25	14.4	12.8	10.5	10.9	8.6	8.0	9.2	79	59	70	69		
26	11.4	11.8	10.1	8.4	8.3	7.8	8.2	68	63	71	67		0.635
27	11.5	13.3	11.2	8.5	9.6	8.8	9.0	70	69	78	72		
28	11.6	14.2	12.2	8.6	10.0	9.8	9.5	71	67	85	74		
				9.12	10.13	9.48	9.59	71.4	70.4	79.8	73.8		2.552

Height of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.: Min. 1.70 m.
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

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Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	8nicu	4cicu	8cu	5.0	1e	2n	1nw	24.6	mod.	
2	7stcu	3cu	0	3.3	0	0	1e	16.1	„	
3	0	0	0	0.0	1w	1sw	0	34.0	slight	
4	10ci	10ci	10ci	10.0	0	0	0	3.7	mod.	
5	10ci	3ci	1cu	4.7	0	1s	0	20.9	„	mist a.m.
6	0	0	0	0.0	0	1s	0	1.9	calm	„ „
7	1cu	3ci	0	1.3	0	0	0	4.0	„	„ „
8	4stcu	10cu	7cu	7.0	1s	2s	1s	133.6	slight	„ „
9	4cu	10ni	0	4.7	3s	1s	1s	263.9	„	
10	8ci	4ci	0	4.0	0	2s	0	70.8	calm	mist a.m.
11	0	0	0	0.0	0	2s	1s	128.7	slight	„ „
12	0	2cu	1cu	1.0	0	1sw	0	15.8	„	„ „
13	9cu	9cu	6cu	8.0	0	2s	1s	45.1	„	„ „
14	1cu	0	0	0.3	1s	2s	0	148.8	„	„ „
15	10ci	6ci	3cicu	6.3	0	2e	0	156.6	mod.	„ „
16	10ci	9cicu	8ci	9.0	1e	0	0	21.1	„	
17	10cicu	10ni	3cu	7.7	1se	3n	2n	167.3	„	
18	0	5cicu	7stcu	4.0	0	1s	1s	48.2	calm	mist a.m. th. &ltng.
19	5cu	6cicu	4cu	5.0	1s	2s	1se	70.7	slight	„ „
20	0	0	0	0.0	1s	3s	0	127.3	„	
21	6ci	10ci	10ni	8.7	0	2s	1s	103.6	„	mist a.m.
22	8cu	4cu	8cu	6.7	1s	3s	1s	190.4	„	
23	9cu	10ni	7cu	8.7	2s	1s	2se	307.6	„	th. & lightning
24	10ni	9cu	8stcu	9.0	3s	4s	4s	471.5	mod.	
25	9nicu	3cu	9cu	7.0	5sw	3s	1s	418.3	rough	
26	7cu	10nicu	0	5.7	1s	0	1se	67.6	mod.	mist a.m.
27	8stcu	3stcu	2cu	4.3	0	2sw	1e	37.0	slight	„ „
28	1cu	0	0	0.3	1n	2n	1n	115.9	„	
					24	45	22			
				4.35	0.9	1.6	0.8	114.82		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	2	1	9	1	1	0	13	28
14:30	3	0	1	0	16	3	0	0	5	28
20:30	2	0	2	3	9	0	0	1	11	28
Totals	6	0	5	4	34	4	1	1	29	84

Number of days with rain 9, fog 0, thunderstorm 0, gale 0.

50-yr. average number of days with rain during month 13.6